

175597

Batch

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POTENTIAL GROUND WATER CONTAMINATION SOURCEIDENTIFICATION AND PRELIMINARY ASSESSMENT

This form is completed for each potential hazardous waste site to help set priorities for site inspections. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections. If information is not available, place an "x" in the space provided.

SITE IDENTIFICATION

COMPANY NAME Al - Mill Manufacturing Co.
ADDRESS 1304 Highland Rd (M-59 Highway) Mt. 48031
LOCATION (COUNTY, TOWN & RANGE) Oakland
OWNER/OPERATOR x / Robert F. Beard President
HOW LONG HAS THIS FACILITY BEEN OPERATING AT THIS SITE? Since before 1969
HAS THERE EVER BEEN AN OWNERSHIP TRANSFER? x
IF SO WHEN? x
PREVIOUS OWNER? x

OPERATION CHARACTERIZATION

TYPE OF OPERATION (I.E. MANUFACTURING, LANDFILL, ETC.) Manufacturing -
aluminum anodizing plant

WASTE CHARACTERIZATION

Waste type:

Unknown X Liquid Solid Sludge Gas
Waste characteristics:
Unknown Corrosive Ignitable Radioactive Highly Volatile
X Toxic Reactive Inert Flamable
Other Specify

Waste description (metal sludges, PCB's, etc.) Heavy metals from
process rinse - Cu, Zn, Al, Pb

OBLEM CHARACTERIZATION (I.E. UNLINED SEEPAGE LAGOON, IMPROPER BARREL DISPOSAL,

C. Converts any violations into controlling the in-
formation violations

LIST ALL APPLICABLE PERMITS HELD BY THE SITE (FILL IN DATE OF ISSUANCE & PERMIT NUMBER)

DES _____ Liquid industrial waste _____
 Air _____ Groundwater discharge 100107
 Solid waste _____ 10-31-75
 Inland lakes _____ Soil & sedimentation _____
 Other (specify) _____

COMPLIANCE HISTORY Complete. Non compliance to date.

CONTAMINATION INFORMATION

AS THERE BEEN ANY ATTEMPT TO MONITOR THE GROUNDWATER IN THE PAST yes

If so, give the location or identification number of the wells East wells
west well which are used in pumping

List any pertinent monitoring data (include date and laboratory used for analysis) Sample 14-8-75, 14-20-75, 4-20-72 - 100% full
analysis provide good assessment of
pollution source and extent.

GIVE THE LOCATION & DISTANCE TO THE NEAREST PRIVATE WELL _____

GIVE THE SOURCE OF MUNICIPAL WATER SUPPLY.

LIST ANY KNOWN GEOLOGICAL CHARACTERISTICS OF THE AREA Length description
 Given in letter from Department survey in file
 4-2-71 2-2-71

DEPARTMENT ACTION

HISTORY OF SITE INSPECTIONS (LIST DATE, INSPECTING AGENCY & RESULTS)

Sample showing problems; 7-25-75 - DNR - in location of heavy metal
from discharge lake; 10-9-75 - DNR - Same problem; 12-2-75 -
Same problem; 4-22-77 - DNR - Still elevated levels of contaminants coming
from H-Mill into waterbody lake.

REGULATORY ACTIONS (NOTICES OF NONCOMPLIANCE & VIOLATIONS, DATES & REASONS)

Order of noncompliance 3-2-77 for failure to
comply with Groundwater permit. Failure to submit
reports.

REMEDIAL ACTIONS REQUESTED (ACTIONS & DATES)

Dept has been trying to
get H-Mill on a zero discharge system since late
1977

Were these actions accomplished? H-Mill is currently sending
monthly progress reports describing their implementation
of a total recycling system. From the file it is clear
H-Mill is behind scheduled schedule, but system is
reportedly near completion.

Case name 217-111

Date 1-2-81

PRELIMINARY PROBLEM ASSESSMENT

POTENTIAL HAZARDS (CHECK ALL APPLICABLE CATEGORIES)

Human health	<u>X</u>	Noticeable odors	_____
Contamination of water supply	<u>X</u>	Contamination of soils	_____
Contamination of groundwater	<u>X</u>	Property damage	_____
		Sewer/storm drain problems	_____
Contamination of surface water	<u>X</u>	Erosion problems	_____
Contamination of food chain	_____	Inadequate security	_____
Damage to flora/fauna	_____	Other (specify)	_____
Fish kill	<u>X</u>	_____	_____
Contamination of air	_____	_____	_____
Fire or explosion	_____	_____	_____
Spills/leaking containers (runoff) standing liquids	_____		
Incompatible wastes	_____		
Midnight dumping	_____		

WHAT ADDITIONAL INFORMATION IS REQUIRED? Don't know groundwater
in this area - some potential for it to exist.
assessment of R&M T. contamination because of the proximity
to the lake to a closed system?

DESCRIBE ANY NECESSARY ACTIONS WHICH SHOULD BE UNDERTAKEN? (ADDITIONAL SAMPLING, SITE INSPECTION, ETC.) Investigate extent of groundwater
contamination - evaluation of damage to water
quality and wildlife in water body lake.
samples of fish and other aquatic life.
Hydrogeological study

SUMMARY OF ACTIONABLE VIOLATIONSCase Name 112-11111

The following is a list of violations which may provide a basis for the development of enforcement strategy. The violations fall into two basic categories: 1. Operation without a permit or 2. violation of a permit, final order, consent agreement etc. Please note any of these violations during the course of your review.

Violation of Act 245, P.A. 1929, the
Water Resources Commission Act
(discharge violation)

No permit _____

Violation of permit ✓Surface water discharge ✓

Groundwater discharge _____

Lagoon overflow into waterway lake - exceeded permit limits almost continuously.

Violation of Part 5 Rules for
Act 245, P.A. 1929

Illegal storage _____

Improper storage _____

No PIPP ✓

PIPP not implemented correctly _____

Plan was implemented after they were made aware.

Violation of Act 641, P.A. 1978, the
Solid Waste Management Act

No license _____

Violation of license _____

Other violations (failure to report critical materials, improper disposal of PCB's,
illegal waste removal, etc.) _____

1. Failure to report critical materials 4-20-72 - first
report in 1977.